

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
<b>School Health Coordination</b>															
Nutrition						37.2	37.1	43.1	41.1	39.3		39.2	No linear change	No quadratic change	Not available
Tobacco-use prevention						41.4	47.7	47.5	47.0	45.5		45.8	No linear change	No quadratic change	Not available
Unintentional injury and violence prevention (safety)							29.4	30.9	31.5	30.2		31.0	No linear change	Not available	Not available
Percentage of schools with a School Improvement Plan that includes health-related objectives on the following topics:															
Health education							25.6	28.8	23.5	21.4		31.2	No linear change	Not available	Not available
Physical education									25.7	23.6		29.4	No linear change	Not available	Not available
Physical activity									18.3	15.4		19.4	No linear change	Not available	Not available
School meal programs									19.6	16.4		19.6	No linear change	Not available	Not available
Foods and beverages available at school outside the school meal programs									15.0	12.1		17.2	No linear change	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools with a School Improvement Plan that includes health-related objectives on the following topics:																
Health services						21.6	28.6	22.6	24.2			30.1	No linear change	Not available	Not available	
Counseling, psychological, and social services										49.9		60.6	Increased, 2016-2020	Not available	Not available	
Physical environment									45.6			46.6	No linear change	Not available	Not available	
Social and emotional climate									65.1			73.4	Increased, 2016-2020	Not available	Not available	
Family engagement									69.4			66.6	No linear change	Not available	Not available	
Community involvement									69.8			64.7	No linear change	Not available	Not available	
Employee wellness									15.6			25.5	Increased, 2016-2020	Not available	Not available	
Percentage of schools that reviewed health and safety data as part of school's improvement planning process*							41.7	35.2	40.8			40.6	No linear change	Not available	Not available	

\* Among schools that engaged in an improvement planning process during the past year.

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools that currently have someone who oversees or coordinates school health and safety programs and activities						91.6	87.1	90.7	86.8	87.6		91.0	No linear change	No quadratic change	Not available
Percentage of schools that have one or more than one group (e.g., a school health council, committee, team) that offers guidance on the development of policies or coordinates activities on health topics						71.3	63.6	61.9	54.8	54.8		54.9	Decreased, 2008-2020	Decreased, 2008-2014 No change, 2014-2020	Not available
Percentage of schools that have a school health council, committee, or team that did the following activities during the past year:*															
Identified student health needs based on a review of relevant data								63.6	58.5	66.4		78.9	Increased, 2012-2020	Not available	Not available
Recommended new or revised health and safety policies and activities to school administrators or the school improvement team								69.8	75.2	74.0		83.4	Increased, 2012-2020	Not available	Not available
Sought funding or leveraged resources to support health and safety priorities for students and staff								56.0	57.3	68.6		73.2	Increased, 2012-2020	Not available	Not available

\* Among schools that engaged in an improvement planning process during the past year.

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020					
Percentage of schools that have a school health council, committee, or team that did the following activities during the past year:*																	
Communicated the importance of health and safety policies and activities to district administrators, school administrators, parent-teacher groups, or community members								81.3	81.5	87.8			88.4	Increased, 2012-2020	Not available	Not available	
Reviewed health-related curricula or instructional materials								75.7	72.7	74.5			78.3	No linear change	Not available	Not available	

\* Among schools that have one or more than one group that offers guidance on the development of policies or coordinates activities on health topics.

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
<b>Sexual Orientation</b>															
Percentage of schools that have a student-led club that aims to create a safe, welcoming, and accepting school environment for all youth, regardless of sexual orientation or gender identity						19.1	26.0	22.9	28.8	36.4		42.7	Increased, 2008-2020	No quadratic change	Not available
Percentage of schools that engage in the following LGBTQ youth-related practices:															
Identify "safe spaces" (e.g., a counselor's office, designated classroom, or student organization) where LGBTQ youth can receive support from administrators, teachers, or other school staff							52.3	50.6	68.6	75.5		87.2	Increased, 2010-2020	Not available	Not available
Prohibit harassment based on a student's perceived or actual sexual orientation or gender identity							90.4	87.5	93.6	97.8		98.1	Increased, 2010-2020	Not available	Not available
Encourage staff to attend professional development on safe and supportive school environments for all students, regardless of sexual orientation or gender identity							40.2	45.0	51.0	67.2		77.2	Increased, 2010-2020	Not available	Not available

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020					
Percentage of schools that engage in the following LGBTQ youth-related practices:																	
Facilitate access to providers not on school property who have experience in providing health services, including HIV/STD testing and counseling, to LGBTQ youth							38.1	34.5	44.8	46.9		55.2	Increased, 2010-2020	Not available	Not available		
Facilitate access to providers not on school property who have experience in providing social and psychological services to LGBTQ youth							42.1	38.6	46.4	57.7		64.9	Increased, 2010-2020	Not available	Not available		
LGBTQ. Percentage of schools that implement practices that meet the needs of lesbian, gay, bisexual, transgender, and questioning (LGBTQ) youth							2.5	3.3	6.6	13.3		13.8	Increased, 2010-2020	Not available	Not available		

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
<b>Bullying and Sexual Harassment</b>															
Percentage of schools in which all staff received professional development on preventing, identifying, and responding to student bullying and sexual harassment, including electronic aggression									93.9	91.8		98.1	Increased, 2014-2020	Not available	Not available
Percentage of schools that have a designated staff member to whom students can confidentially report student bullying and sexual harassment, including electronic aggression									96.1	98.3		96.3	No linear change	Not available	Not available
Percentage of schools that use electronic, paper, or oral communication to publicize and disseminate policies, rules, or regulations on bullying and sexual harassment, including electronic aggression									94.7	97.0		98.5	Increased, 2014-2020	Not available	Not available

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018				2020
<b>Required Physical Education</b>															
Percentage of schools that taught required physical education in the following grades:*															
6th grade						100.0	96.2	100.0	92.0	87.5		90.2	Decreased, 2008-2020	†	Not available
7th grade						99.4	99.0	98.0	91.7	89.4		92.2	Decreased, 2008-2020	No change, 2008-2012 Decreased, 2012-2020	Not available
8th grade						99.4	98.5	98.7	91.1	87.9		91.6	Decreased, 2008-2020	No change, 2008-2012 Decreased, 2012-2020	Not available

\* Among schools with students in that grade. The results published here for 2012 and prior years may not match previously published numbers because the manner in which these were calculated changed in 2014.

<sup>1</sup>Based on trend analyses using a logistic regression model,  $p < 0.05$ .

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† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.



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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018				2020	
Percentage of schools that taught required physical education in the following grades:*																
9th grade						98.5	97.1	96.9	95.6	96.7		93.2	Decreased, 2008-2020	No quadratic change	Not available	
10th grade						43.7	34.2	48.5	50.6	58.9		44.2	No linear change	No change, 2008-2014 No change, 2014-2020	Not available	
11th grade						20.5	12.7	16.4	25.0	23.6		21.6	No linear change	No quadratic change	Not available	
12th grade						20.0	13.3	13.7	25.0	22.6		21.2	No linear change	No quadratic change	Not available	

\* Among schools with students in that grade. The results published here for 2012 and prior years may not match previously published numbers because the manner in which these were calculated changed in 2014.

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
<b>Physical Education and Physical Activity</b>															
Percentage of schools in which physical education teachers or specialists received professional development on physical education or physical activity during the past year									71.7	77.7		74.1	No linear change	Not available	Not available
Percentage of schools in which students participate in physical activity in classrooms during the school day outside of physical education								26.7	26.1	30.4		43.7	Increased, 2012-2020	Not available	Not available
Percentage of schools that offer interscholastic sports to students								95.7	91.0	92.6		84.7	Decreased, 2012-2020	Not available	Not available
Percentage of schools that offer opportunities for students to participate in physical activity through organized physical activities or access to facilities or equipment for physical activity during the following times:															
Before the school day									36.4	37.6		52.4	Increased, 2014-2020	Not available	Not available
Percentage of schools that have a joint use agreement for shared use of the following school or community facilities:															
Physical activity facilities								61.3	55.5	47.2		59.5	No linear change	Not available	Not available

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
<b>Tobacco-Use Prevention Policies</b>															
Percentage of schools that have adopted a policy prohibiting tobacco use						98.1	99.3	98.9	99.0	96.9		98.8	No linear change	No quadratic change	Not available
Percentage of schools that follow a policy that mandates a “tobacco-free environment”						44.7	53.2	52.0	57.0	57.9		65.7	Increased, 2008-2020	No quadratic change	Not available
Percentage of schools that follow a policy that mandates a “tobacco-free environment” including prohibiting electronic vapor products						0.0	0.0	0.0	0.0	55.9		64.0	Increased, 2008-2020	†	Not available

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
<b>Nutrition-Related Policies and Practices</b>															
Percentage of schools that always or almost always offer fruits or non-fried vegetables at school celebrations when foods or beverages are offered						24.4	22.3	25.6	24.4	30.1		21.8	No linear change	No quadratic change	Not available
Percentage of schools in which students can purchase snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar						78.8	77.0	74.7	71.1	64.1		61.1	Decreased, 2008-2020	No quadratic change	Not available
Percentage of schools in which students can purchase the following snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar:															
Chocolate candy						46.3	37.5	36.4	37.5	14.1		16.8	Decreased, 2008-2020	No quadratic change	Not available
Other kinds of candy						50.7	41.0	44.9	41.4	20.1		19.3	Decreased, 2008-2020	No quadratic change	Not available
Salty snacks that are not low in fat (e.g., regular potato chips)						48.8	43.3	44.9	41.2	19.6		24.6	Decreased, 2008-2020	No quadratic change	Not available
Low sodium or “no added salt” pretzels, crackers, or chips									50.5	45.1		46.7	No linear change	Not available	Not available

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020					
Percentage of schools in which students can purchase the following snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar:																	
Cookies, crackers, cakes, pastries, or other baked goods that are not low in fat						47.5	42.3	50.3	42.2	20.4		25.0	Decreased, 2008-2020	No quadratic change	Not available		
Ice cream or frozen yogurt that is not low in fat						28.9	22.8	20.6	18.4	10.6		14.5	Decreased, 2008-2020	No quadratic change	Not available		
2% or whole milk (plain or flavored)						50.3	41.0	34.8	26.9	20.1		20.2	Decreased, 2008-2020	Decreased, 2008-2014 No change, 2014-2020	Not available		
Nonfat or 1% (low-fat) milk (plain)									36.0	30.4		31.5	No linear change	Not available	Not available		
Water ices or frozen slushes that do not contain juice						22.2	18.6	19.3	15.4	11.1		13.8	Decreased, 2008-2020	No quadratic change	Not available		
Soda pop or fruit drinks that are not 100% juice						56.8	47.4	48.5	45.2	29.4		29.7	Decreased, 2008-2020	No quadratic change	Not available		
Sports drinks (e.g., Gatorade)						70.4	67.7	62.7	55.6	43.7		44.3	Decreased, 2008-2020	No quadratic change	Not available		
Energy drinks (e.g., Red Bull, Monster)									3.1	4.5		5.8	No linear change	Not available	Not available		

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Percentage of schools in which students can purchase the following snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar:																
100% fruit or vegetable juice									50.9	40.0		41.1	Decreased, 2014-2020	Not available	Not available	
Foods or beverages containing caffeine						52.7	45.7	44.3	39.2	27.1		30.9	Decreased, 2008-2020	No quadratic change	Not available	
Fruits (not fruit juice)						41.2	33.2	35.4	27.1	29.3		29.6	Decreased, 2008-2020	No quadratic change	Not available	
Non-fried vegetables (not vegetable juice)						32.4	23.3	23.8	19.1	18.2		23.5	Decreased, 2008-2020	Decreased, 2008-2014 No change, 2014-2020	Not available	
Percentage of schools that do not sell less healthy foods and beverages (soda pop or fruit drinks, sports drinks, baked goods, salty snacks, candy)						23.7	28.5	30.3	34.5	47.5		47.6	Increased, 2008-2020	No quadratic change	Not available	

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020					
Percentage of schools that have done any of the following during the current school year:																	
Priced nutritious foods and beverages at a lower cost while increasing the price of less nutritious foods and beverages						17.0	11.4	13.5	13.5	12.6		18.6	No linear change	No change, 2008-2012 No change, 2012-2020	Not available		
Collected suggestions from students, families, and school staff on nutritious food preferences and strategies to promote healthy eating						54.6	49.0	53.7	41.2	45.7		41.9	Decreased, 2008-2020	No quadratic change	Not available		
Provided information to students or families on the nutrition and caloric content of foods available						55.5	46.8	55.1	51.3	62.2		63.2	Increased, 2008-2020	No quadratic change	Not available		
Conducted taste tests to determine food preferences for nutritious items						22.8	21.5	27.6	35.0	34.7		37.1	Increased, 2008-2020	No quadratic change	Not available		
Served locally or regionally grown foods in the cafeteria or classrooms								28.7	25.3	33.7		35.9	Increased, 2012-2020	Not available	Not available		
Planted a school food or vegetable garden								8.6	12.1	20.0		27.6	Increased, 2012-2020	Not available	Not available		

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools that have done any of the following during the current school year:																
Placed fruits and vegetables near the cafeteria cashier, where they are easy to access							79.3	83.7	81.5			82.7	No linear change	Not available	Not available	
Used attractive displays for fruits and vegetables in the cafeteria							68.3	73.0	73.7			68.6	No linear change	Not available	Not available	
Offered a self-serve salad bar to students							47.8	45.0	44.8			45.2	No linear change	Not available	Not available	
Encouraged students to drink plain water								76.2	76.1			82.0	No linear change	Not available	Not available	
Prohibited school staff from giving students food or food coupons as a reward for good behavior or good academic performance								15.1	25.6			27.0	Increased, 2014-2020	Not available	Not available	
Prohibited less nutritious foods and beverages (e.g. candy, baked goods) from being sold for fundraising purposes								21.4	41.0			38.9	Increased, 2014-2020	Not available	Not available	

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020					
Percentage of schools that prohibit advertisements for candy, fast food restaurants, or soft drinks in the following locations:																	
In school buildings						54.2	54.7	53.2	59.1	54.2		61.3	No linear change	No quadratic change	Not available		
On school grounds including on the outside of the school building, on playing fields, or other areas of the campus						47.2	42.5	39.7	45.2	42.9		51.6	No linear change	No change, 2008-2012 Increased, 2012-2020	Not available		
On school buses or other vehicles used to transport students						66.5	67.1	65.2	72.3	63.4		67.8	No linear change	No quadratic change	Not available		
In school publications (e.g., newsletters, newspapers, web sites, other school publications)						46.6	46.9	42.3	49.0	47.4		52.0	No linear change	No quadratic change	Not available		
In curricula or other educational materials (including assignment books, school supplies, book covers, and electronic media)									64.1	51.6		61.6	No linear change	Not available	Not available		

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools that permit students to have a drinking water bottle with them in either all locations or certain locations during the school day							77.5	80.7	88.2			92.5	Increased, 2012-2020	Not available	Not available
Percentage of schools that offer a free source of drinking water in the following locations:*															
Cafeteria during breakfast									92.0	89.4		95.3	No linear change	Not available	Not available
Cafeteria during lunch									94.8	89.9		96.5	No linear change	Not available	Not available
Gymnasium or other indoor physical activity facilities									94.9	95.8		97.7	No linear change	Not available	Not available
Outdoor physical activity facilities and sports fields									80.8	82.6		85.6	No linear change	Not available	Not available
Hallways throughout the school									98.6	99.5		94.1	Decreased, 2014-2020	Not available	Not available

\* Among schools with that location.

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	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
<b>Health Services</b>															
Percentage of schools that have a full-time registered nurse who provides health services to students						63.2	63.5	65.4	65.9	76.6		82.2	Increased, 2008-2020	No change, 2008-2012 Increased, 2012-2020	Not available
Percentage of schools that have a part-time registered nurse who provides health services to students										37.4		30.3	No linear change	Not available	Not available
Percentage of schools that have a school-based health center that offers health services to students										26.2		20.9	No linear change	Not available	Not available
Percentage of schools that provide the following services to students:															
HIV testing								1.2	1.6	1.3		0.3	No linear change	Not available	Not available
HIV treatment									1.9	0.0		1.1	No linear change	Not available	Not available
STD testing									1.6	1.3		0.7	No linear change	Not available	Not available
STD treatment									2.2	0.9		1.1	No linear change	Not available	Not available
Pregnancy testing								1.7	3.2	2.2		2.7	No linear change	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools that provide the following services to students:															
Provision of condoms							0.4	1.0	0.0			0.7	No linear change	Not available	Not available
Provision of condom-compatible lubricants (i.e., water- or silicone-based)										0.3	0.0	0.0	Decreased, 2014-2020	Not available	Not available
Provision of contraceptives other than condoms (e.g., birth control pill, birth control shot, intrauterine device [IUD])							0.4	0.3	0.0			0.0	No linear change	Not available	Not available
Prenatal care							7.9	8.2	0.5			1.6	Decreased, 2012-2020	Not available	Not available
Human papillomavirus (HPV) vaccine administration							0.8	0.7	0.9			3.0	Increased, 2012-2020	Not available	Not available
Percentage of schools that provide students with referrals to any organizations or health care professionals not on school property for the following services:															
HIV testing							47.7	50.2	25.9			27.0	Decreased, 2012-2020	Not available	Not available
HIV treatment										48.9	33.1	31.6	Decreased, 2014-2020	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools that provide students with referrals to any organizations or health care professionals not on school property for the following services:															
nPEP (non-occupational post-exposure prophylaxis for HIV--a short course of medication given within 72 hours of exposure to infectious bodily fluids from a person known to be HIV positive)										32.5		26.4	No linear change	Not available	Not available
STD testing									51.3	28.0		26.9	Decreased, 2014-2020	Not available	Not available
STD treatment									49.9	28.5		26.2	Decreased, 2014-2020	Not available	Not available
Pregnancy testing							55.5	55.7	31.1			30.2	Decreased, 2012-2020	Not available	Not available
Provision of condoms							25.3	32.2	22.5			18.0	Decreased, 2012-2020	Not available	Not available
Provision of condom-compatible lubricants (i.e., water- or silicone-based)									30.9	22.6		16.9	Decreased, 2014-2020	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools that provide students with referrals to any organizations or health care professionals not on school property for the following services:																
Provision of contraceptives other than condoms (e.g., birth control pill, birth control shot, intrauterine device [IUD])							28.1	34.0	22.6			18.4	Decreased, 2012-2020	Not available	Not available	
Prenatal care							52.1	54.2	31.7			28.9	Decreased, 2012-2020	Not available	Not available	
Human papillomavirus (HPV) vaccine administration							48.0	47.8	39.9			32.1	Decreased, 2012-2020	Not available	Not available	
Percentage of schools that have a protocol that ensures students with a chronic condition that may require daily or emergency management (e.g., asthma, diabetes, food allergies) are enrolled in private, state, or federally funded insurance programs if eligible								58.6	59.1			53.2	No linear change	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools that routinely use school records to identify and track students with a current diagnosis of the following chronic conditions:																
Asthma									97.4	98.0			96.3	No linear change	Not available	Not available
Food allergies									97.4	98.5			97.4	No linear change	Not available	Not available
Diabetes									97.8	98.5			95.9	No linear change	Not available	Not available
Epilepsy or seizure disorder									96.7	98.0			95.9	No linear change	Not available	Not available
Obesity									40.2	29.6			28.2	Decreased, 2014-2020	Not available	Not available
Hypertension/high blood pressure									76.4	71.4			67.6	Decreased, 2014-2020	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools that provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have the following chronic conditions:																
Asthma									54.3	43.6		44.9	Decreased, 2014-2020	Not available	Not available	
Food allergies									53.0	43.3		44.9	No linear change	Not available	Not available	
Diabetes									55.0	43.7		45.5	Decreased, 2014-2020	Not available	Not available	
Epilepsy or seizure disorder									53.4	43.3		44.1	Decreased, 2014-2020	Not available	Not available	
Obesity									40.8	30.8		30.7	Decreased, 2014-2020	Not available	Not available	
Hypertension/high blood pressure									49.9	38.4		40.1	Decreased, 2014-2020	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.



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### 2020 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>		
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020					
Percentage of schools with the following practices regarding parental consent and notification when sexual or reproductive health services are provided:																	
School does not provide any sexual or reproductive health services										83.7			81.1	No linear change	Not available	Not available	
Parental consent is required before any sexual or reproductive health services are provided										9.7			10.8	No linear change	Not available	Not available	
Parental consent is not required for sexual or reproductive health services and parents are provided with information about services provided only upon request										1.5			1.5	No linear change	Not available	Not available	
Parental consent is not required for sexual or reproductive health services, but parents may be notified depending on the service provided										2.0			1.7	No linear change	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools with the following practices regarding parental consent and notification when sexual or reproductive health services are provided:																
Parental consent is not required for sexual or reproductive health services, but parents are notified about all services provided										3.2			4.4	No linear change	Not available	Not available
Parental consent is not required for sexual or reproductive health services and parents are not notified about any services provided										0.0			0.4	Increased, 2016-2020	Not available	Not available
Percentage of schools with the following practices regarding parental consent and notification when sexual or reproductive health services are referred:																
School does not refer any sexual or reproductive health services										64.3			61.9	No linear change	Not available	Not available
Parental consent is required before any sexual or reproductive health services are referred										23.9			26.3	No linear change	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model,  $p < 0.05$ .

<sup>2</sup>Based on t-test analysis,  $p < 0.05$ .

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>		
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020					
Percentage of schools with the following practices regarding parental consent and notification when sexual or reproductive health services are referred:																	
Parental consent is not required for sexual or reproductive health services and parents are provided with information about referrals provided only upon request										3.0		1.4	No linear change	Not available	Not available		
Parental consent is not required for sexual or reproductive health services, but parents may be notified depending on the referral provided										5.1		4.3	No linear change	Not available	Not available		
Parental consent is not required for sexual or reproductive health services, but parents are notified about all referrals provided										3.2		3.8	No linear change	Not available	Not available		
Parental consent is not required for sexual or reproductive health services and parents are not notified about any referrals provided										0.6		2.2	No linear change	Not available	Not available		

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
<b>Family and Community Involvement</b>															
Percentage of schools that have done any of the following activities during the current school year:															
Provided parents with information about how to monitor their teen									56.7	48.5		45.3	Decreased, 2014-2020	Not available	Not available
Involved parents as school volunteers in the delivery of health education activities and services									27.1	18.3		21.1	No linear change	Not available	Not available
Linked parents and families to health services and programs in the community									77.5	66.5		67.5	Decreased, 2014-2020	Not available	Not available
Percentage of schools in which students' families helped develop or implement policies and programs related to school health during the past two years									35.8	36.7		37.7	No linear change	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
<b>Required Health Education</b>															
Percentage of schools in which students take only one required health education course						21.8	32.4	28.8	42.4	32.9		36.7	Increased, 2008-2020	Increased, 2008-2014 No change, 2014-2020	Not available
Percentage of schools in which students take two or more required health education courses						72.9	63.0	65.0	51.1	59.1		51.4	Decreased, 2008-2020	No quadratic change	Not available
Percentage of schools that taught a required health education course in the following grades:*															
6th grade						74.4	68.5	68.7	58.8	54.3		45.7	Decreased, 2008-2020	No quadratic change	Not available
7th grade						86.1	79.5	82.2	68.7	71.8		62.5	Decreased, 2008-2020	No quadratic change	Not available
8th grade						86.9	80.1	81.6	67.4	72.9		61.8	Decreased, 2008-2020	No quadratic change	Not available

\* The 2008-2020 results published here may differ slightly from the 2008-2020 results published in site reports. This is because the site reports excluded data from schools that do not contain the grade in the question. Because grade information is not available in a consistent format for all years, data from these schools are included in the trend analysis.

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools that taught a required health education course in the following grades:*															
9th grade						43.8	49.9	49.6	54.2	50.0		46.8	No linear change	No quadratic change	Not available
10th grade						67.3	68.9	62.2	60.4	63.8		56.8	Decreased, 2008-2020	No quadratic change	Not available
11th grade						5.1	9.5	9.2	12.1	13.7		12.0	Increased, 2008-2020	No quadratic change	Not available
12th grade						4.3	9.5	9.4	12.8	12.9		12.2	Increased, 2008-2020	No quadratic change	Not available
Among schools that required a health education course, percentage that required students who fail the course to repeat it						57.9	61.5	59.2	63.4	68.1		75.0	Increased, 2008-2020	No quadratic change	Not available
Percentage of schools in which those who teach health education are provided with the following materials:															
Goals, objectives, and expected outcomes for health education						92.2	86.9	84.5	83.2	82.0		79.9	Decreased, 2008-2020	No quadratic change	Not available

\* The 2008-2020 results published here may differ slightly from the 2008-2020 results published in site reports. This is because the site reports excluded data from schools that do not contain the grade in the question. Because grade information is not available in a consistent format for all years, data from these schools are included in the trend analysis.

<sup>1</sup>Based on trend analyses using a logistic regression model,  $p < 0.05$ .

<sup>2</sup>Based on t-test analysis,  $p < 0.05$ .

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which those who teach health education are provided with the following materials:															
A chart describing the annual scope and sequence of instruction for health education						58.6	59.0	59.8	57.9	55.5		56.4	No linear change	No quadratic change	Not available
Plans for how to assess student performance in health education						62.3	61.1	61.4	65.6	62.3		59.4	No linear change	No quadratic change	Not available
A written health education curriculum						84.4	81.7	76.4	72.3	64.7		69.4	Decreased, 2008-2020	Decreased, 2008-2014 No change, 2014-2020	Not available
Percentage of schools in which the health education curriculum addresses the following skills:															
Comprehending concepts related to health promotion and disease prevention to enhance health						98.4	98.0	97.3	94.0	92.9		91.3	Decreased, 2008-2020	No quadratic change	Not available
Analyzing the influence of family, peers, culture, media, technology, and other factors on health behaviors						97.2	97.4	97.3	93.3	93.0		92.1	Decreased, 2008-2020	No quadratic change	Not available
Accessing valid information and products and services to enhance health						90.5	89.6	93.8	91.6	91.2		88.6	No linear change	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which the health education curriculum addresses the following skills:															
Using interpersonal communication skills to enhance health and avoid or reduce health risks						95.7	95.6	95.7	92.9	93.4		92.4	Decreased, 2008-2020	No quadratic change	Not available
Using decision-making skills to enhance health						97.6	98.3	97.3	94.4	93.5		92.4	Decreased, 2008-2020	No quadratic change	Not available
Using goal-setting skills to enhance health						93.7	94.5	96.2	93.3	93.5		91.6	No linear change	No quadratic change	Not available
Practicing health-enhancing behaviors to avoid or reduce risks						96.9	97.4	97.0	93.3	93.4		93.7	Decreased, 2008-2020	No quadratic change	Not available
Advocating for personal, family, and community health						95.1	92.6	93.0	92.6	92.7		88.6	Decreased, 2008-2020	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.



**INDIANA**

**2020 School Health Profiles Report  
Trend Analysis Report - Lead Health Education Teacher Survey**

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>		
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020					
Percentage of schools in which those who teach sexual health education are provided with the following materials:																	
A written health education curriculum that includes objectives and content addressing sexual health education									69.7	61.0		70.8	No linear change	Not available	Not available		
Strategies that are age-appropriate, relevant, and actively engage students in learning									74.1	67.2		74.9	No linear change	Not available	Not available		
Methods to assess student knowledge and skills related to sexual health education									69.4	63.5		68.5	No linear change	Not available	Not available		
Percentage of schools that provide curricula or supplementary materials that include HIV, STD, or pregnancy prevention information that is relevant to lesbian, gay, bisexual, transgender, and questioning youth								8.7	10.6	20.5	41.3		38.0	Increased, 2010-2020	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which health education instruction is required in any of grades 6 through 12						96.1	94.2	92.5	89.7			91.2	Decreased, 2010-2020	Not available	Not available
Percentage of schools in which teachers tried to increase student knowledge on the following topics in a required course in any of grades 6 through 12 during the current school year:															
Alcohol- or other drug-use prevention						98.5	97.0	97.3	93.5	94.1		94.2	Decreased, 2008-2020	No quadratic change	Not available
Asthma						63.0	69.3	71.8	68.4	72.0		57.9	No linear change	Increased, 2008-2012 Decreased, 2012-2020	Not available
Chronic disease prevention										93.3		88.4	No linear change	Not available	Not available
Emotional and mental health						96.7	91.8	96.6	89.5	92.8		95.1	No linear change	Decreased, 2008-2014 Increased, 2014-2020	Not available
Epilepsy or seizure disorder									46.4	51.5		49.9	No linear change	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which teachers tried to increase student knowledge on the following topics in a required course in any of grades 6 through 12 during the current school year:																
Food allergies									73.9	76.3		63.2	Decreased, 2014-2020	Not available	Not available	
Foodborne illness prevention						84.3	84.7	85.5	77.8	79.2		72.1	Decreased, 2008-2020	No quadratic change	Not available	
Human immunodeficiency virus (HIV) prevention						96.1	96.1	95.8	92.4	90.3		83.1	Decreased, 2008-2020	No quadratic change	Not available	
Human sexuality						93.1	92.4	89.2	84.6	80.2		68.5	Decreased, 2008-2020	No quadratic change	Not available	
Infectious disease prevention (e.g., influenza [flu] prevention)								92.2	88.4	90.6		88.3	No linear change	Not available	Not available	
Injury prevention and safety						90.7	91.8	89.5	86.8	89.0		91.3	No linear change	No quadratic change	Not available	
Nutrition and dietary behavior						99.6	96.5	98.4	96.9	97.4		95.4	Decreased, 2008-2020	No quadratic change	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which teachers tried to increase student knowledge on the following topics in a required course in any of grades 6 through 12 during the current school year:															
Physical activity and fitness						99.6	99.0	99.2	98.1	97.9		98.4	No linear change	No quadratic change	Not available
Pregnancy prevention						90.5	91.4	90.4	85.2	84.9		75.8	Decreased, 2008-2020	No quadratic change	Not available
Sexually transmitted disease (STD) prevention						96.1	97.1	94.7	90.3	89.8		83.2	Decreased, 2008-2020	No quadratic change	Not available
Suicide prevention						76.4	78.7	82.3	77.8	85.5		86.3	Increased, 2008-2020	No quadratic change	Not available
Tobacco-use prevention						98.1	97.6	97.3	94.1	94.4		92.1	Decreased, 2008-2020	No quadratic change	Not available
Violence prevention (e.g., bullying, fighting, dating violence prevention)						90.8	89.0	96.6	93.9	94.7		94.6	Increased, 2008-2020	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which teachers taught the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year:																
Identifying tobacco products and the harmful substances they contain						96.1	96.9	92.9	89.6	91.1		89.3	Decreased, 2008-2020	No quadratic change	Not available	
Identifying short- and long-term health consequences of tobacco product use						96.9	97.2	94.5	90.9	91.5		90.2	Decreased, 2008-2020	No quadratic change	Not available	
Identifying social, economic, and cosmetic consequences of tobacco product use						94.3	94.2	91.0	90.2	88.7		86.0	Decreased, 2008-2020	No quadratic change	Not available	
Understanding the addictive nature of nicotine						96.9	96.6	93.6	90.6	90.1		89.3	Decreased, 2008-2020	No quadratic change	Not available	
Effects of nicotine on the adolescent brain											83.8	86.4	No linear change	Not available	Not available	
Effects of tobacco product use on athletic performance						91.4	88.8	86.9	86.6	84.5		81.9	Decreased, 2008-2020	No quadratic change	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which teachers taught the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year:																
Effects of second-hand smoke and benefits of a smoke-free environment						96.5	96.5	94.5	89.8	90.7		89.4	Decreased, 2008-2020	No quadratic change	Not available	
Understanding the social influences on tobacco product use, including media, family, peers and culture						93.8	94.6	93.2	89.9	90.1		87.3	Decreased, 2008-2020	No quadratic change	Not available	
Identifying reasons why students do and do not use tobacco products						95.7	94.4	93.7	90.3	89.7		87.5	Decreased, 2008-2020	No quadratic change	Not available	
Making accurate assessments of how many peers use tobacco products						76.6	71.9	74.8	74.2	78.1		76.4	No linear change	No quadratic change	Not available	
Using interpersonal communication skills to avoid tobacco product use (e.g., refusal skills, assertiveness)						94.5	90.9	92.4	89.2	89.9		87.0	Decreased, 2008-2020	No quadratic change	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which teachers taught the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year:															
Using goal-setting and decision-making skills related to not using tobacco products						89.3	86.8	87.3	87.4	86.5		80.2	Decreased, 2008-2020	No quadratic change	Not available
Finding valid information and services related to tobacco-use prevention and cessation						84.5	78.4	82.3	79.4	81.2		78.4	No linear change	No quadratic change	Not available
Supporting others who abstain from or want to quit using tobacco products						84.0	83.8	83.1	80.9	82.0		76.7	Decreased, 2008-2020	No quadratic change	Not available
Identifying harmful effects of tobacco product use on fetal development						94.2	91.3	88.4	86.4	86.7		82.1	Decreased, 2008-2020	No quadratic change	Not available
Relationship between using tobacco products and alcohol or other drugs									89.3	89.6		85.4	No linear change	Not available	Not available
How addiction to tobacco product use can be treated									84.3	85.7		80.8	No linear change	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which teachers taught the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year:															
Understanding school policies and community laws related to the sale and use of tobacco products									85.7	84.9		82.5	No linear change	Not available	Not available
Benefits of tobacco product cessation programs									74.0	72.3		71.7	No linear change	Not available	Not available
Percentage of schools that taught all 19 tobacco-use prevention topics during the current school year						0.0	0.0	0.0	0.0	61.0		60.1	Increased, 2008-2020	†	Not available
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:															
How HIV and other STDs are transmitted						95.1	91.5	88.3	81.9	82.5		69.5	Decreased, 2008-2020	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model,  $p < 0.05$ .

<sup>2</sup>Based on t-test analysis,  $p < 0.05$ .

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.



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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:																
Health consequences of HIV, other STDs, and pregnancy						93.8	90.2	89.0	82.5	81.0		69.2	Decreased, 2008-2020	No quadratic change	Not available	
The benefits of being sexually abstinent						94.3	93.8	92.8	84.3	82.7		72.6	Decreased, 2008-2020	No quadratic change	Not available	
How to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy						76.0	73.0	78.1	75.4	70.9		63.3	Decreased, 2008-2020	No quadratic change	Not available	
The influences of family, peers, media, technology, and other factors on sexual risk behaviors									82.0	78.3		66.1	Decreased, 2014-2020	Not available	Not available	
Communication and negotiation skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy						85.6	83.1	85.5	80.2	75.5		64.2	Decreased, 2008-2020	No quadratic change	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>		
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020					
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:																	
Goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy						87.1	80.1	84.3	81.3	75.4		60.9	Decreased, 2008-2020	No quadratic change	Not available		
Influencing and supporting others to avoid or reduce sexual risk behaviors									79.5	75.3		63.3	Decreased, 2014-2020	Not available	Not available		
Efficacy of condoms, that is, how well condoms work and do not work							57.4	55.4	51.5	42.8		40.9	Decreased, 2010-2020	Not available	Not available		
The importance of using condoms consistently and correctly							31.3	42.0	33.8	31.2		32.7	No linear change	Not available	Not available		
How to obtain condoms							16.6	14.7	20.1	22.7		19.0	No linear change	Not available	Not available		
How to correctly use a condom							10.7	10.8	18.9	20.2		19.8	Increased, 2010-2020	Not available	Not available		

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>		
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020					
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:																	
Methods of contraception other than condoms										31.7			36.3	No linear change	Not available	Not available	
The importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy								29.2	32.5	33.0			35.9	No linear change	Not available	Not available	
How to create and sustain healthy and respectful relationships								88.0	85.6	85.4			75.2	Decreased, 2012-2020	Not available	Not available	
The importance of limiting the number of sexual partners										73.5	65.5		67.4	No linear change	Not available	Not available	
Preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health										72.4	61.5		55.8	Decreased, 2014-2020	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 9, 10, 11, or 12 during the current school year:															
How HIV and other STDs are transmitted						99.4	97.9	97.5	95.1			91.9	Decreased, 2010-2020	Not available	Not available
Health consequences of HIV, other STDs, and pregnancy						97.7	98.5	97.5	95.9			93.9	Decreased, 2010-2020	Not available	Not available
The benefits of being sexually abstinent						96.2	99.4	98.5	96.3	95.9		95.4	No linear change	No quadratic change	Not available
How to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy						92.6	90.0	92.6	94.0	92.6		90.8	No linear change	No quadratic change	Not available
The influences of family, peers, media, technology, and other factors on sexual risk behaviors									96.0	92.6		93.8	No linear change	Not available	Not available
Communication and negotiation skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy						91.7	93.9	90.8	94.8	93.4		90.2	No linear change	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 9, 10, 11, or 12 during the current school year:																
Goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy						91.0	93.1	92.6	94.8	92.6		90.4	No linear change	No quadratic change	Not available	
Influencing and supporting others to avoid or reduce sexual risk behaviors									95.4	94.2		88.6	Decreased, 2014-2020	Not available	Not available	
Efficacy of condoms, that is, how well condoms work and do not work						74.8	77.1	77.8	76.6	66.8		69.2	No linear change	No quadratic change	Not available	
The importance of using condoms consistently and correctly						59.2	60.5	62.8	61.9	57.5		59.4	No linear change	No quadratic change	Not available	
How to obtain condoms						40.4	39.4	37.7	41.5	46.7		45.2	No linear change	No quadratic change	Not available	
How to correctly use a condom							34.3	30.3	33.6	40.8		41.2	No linear change	Not available	Not available	
Methods of contraception other than condoms										62.1		63.6	No linear change	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 9, 10, 11, or 12 during the current school year:																
The importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy							57.3	60.4	64.2			63.3	No linear change	Not available	Not available	
How to create and sustain healthy and respectful relationships							96.1	97.6	95.9			94.3	No linear change	Not available	Not available	
The importance of limiting the number of sexual partners								92.0	86.9			88.4	No linear change	Not available	Not available	
Preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health								93.5	88.3			86.7	No linear change	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which teachers assessed the ability of students to do each of the following in a required course for students in any of grades 6, 7, or 8 during the current school year:																
Comprehend concepts important to prevent HIV, other STDs, and pregnancy									79.8	75.3		66.7	Decreased, 2014-2020	Not available	Not available	
Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors									74.3	70.8		62.3	Decreased, 2014-2020	Not available	Not available	
Access valid information, products, and services to prevent HIV, other STDs, and pregnancy									65.5	59.2		54.4	No linear change	Not available	Not available	
Use interpersonal communication skills to avoid or reduce sexual risk behaviors									76.6	74.5		63.1	Decreased, 2014-2020	Not available	Not available	
Use decision-making skills to prevent HIV, other STDs, and pregnancy									79.8	75.2		64.9	Decreased, 2014-2020	Not available	Not available	
Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them									80.0	70.6		64.7	Decreased, 2014-2020	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which teachers assessed the ability of students to do each of the following in a required course for students in any of grades 6, 7, or 8 during the current school year:																
Influence and support others to avoid or reduce sexual risk behaviors									74.9	72.1			59.2	Decreased, 2014-2020	Not available	Not available
Percentage of schools in which teachers assessed the ability of students to do each of the following in a required course for students in any of grades 9, 10, 11, or 12 during the current school year:																
Comprehend concepts important to prevent HIV, other STDs, and pregnancy									97.5	93.7			92.6	No linear change	Not available	Not available
Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors									95.5	92.7			90.8	No linear change	Not available	Not available
Access valid information, products, and services to prevent HIV, other STDs, and pregnancy									90.8	87.7			88.8	No linear change	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.



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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which teachers assessed the ability of students to do each of the following in a required course for students in any of grades 9, 10, 11, or 12 during the current school year:																
Use interpersonal communication skills to avoid or reduce sexual risk behaviors									94.8	93.5		92.9	No linear change	Not available	Not available	
Use decision-making skills to prevent HIV, other STDs, and pregnancy									96.8	91.9		91.9	No linear change	Not available	Not available	
Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them									93.5	85.7		89.7	No linear change	Not available	Not available	
Influence and support others to avoid or reduce sexual risk behaviors									96.1	87.2		89.5	No linear change	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which teachers taught the following nutrition and dietary behavior topics in a required course for students in any of grades 6 through 12 during the current school year:																
Benefits of healthy eating						99.2	95.8	98.0	95.9	96.5		93.2	Decreased, 2008-2020	No quadratic change	Not available	
Benefits of drinking plenty of water										94.8	96.4		93.2	No linear change	Not available	Not available
Benefits of eating breakfast every day										96.0		91.1	Decreased, 2016-2020	Not available	Not available	
Food guidance using the current Dietary Guidelines for Americans (e.g., MyPlate)									89.0	93.5		87.9	No linear change	Not available	Not available	
Using food labels						94.6	90.7	93.7	89.3	92.5		87.5	Decreased, 2008-2020	No quadratic change	Not available	
Differentiating between nutritious and non-nutritious beverages									90.2	92.2		89.0	No linear change	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>		
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018				2020	
Percentage of schools in which teachers taught the following nutrition and dietary behavior topics in a required course for students in any of grades 6 through 12 during the current school year:																
Balancing food intake and physical activity						99.3	93.0	97.7	94.0	95.9		91.1	Decreased, 2008-2020	No quadratic change	Not available	
Eating more fruits, vegetables, and whole grain products						97.3	94.4	96.4	91.3	95.5		92.3	Decreased, 2008-2020	No quadratic change	Not available	
Choosing foods and snacks that are low in solid fat (i.e., saturated and trans fat)						96.9	94.7	95.2	88.8	93.0		87.0	Decreased, 2008-2020	No quadratic change	Not available	
Choosing foods, snacks, and beverages that are low in added sugars									90.6	94.0		89.1	No linear change	Not available	Not available	
Choosing foods and snacks that are low in sodium									86.4	90.0		85.0	No linear change	Not available	Not available	
Eating a variety of foods that are high in calcium									86.4	90.9		83.9	No linear change	Not available	Not available	
Eating a variety of foods that are high in iron									79.4	89.2		81.2	No linear change	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which teachers taught the following nutrition and dietary behavior topics in a required course for students in any of grades 6 through 12 during the current school year:															
Food safety						87.9	88.9	87.2	83.4	85.9		80.4	Decreased, 2008-2020	No quadratic change	Not available
Preparing healthy meals and snacks						92.7	89.1	88.1	84.0	88.9		85.6	Decreased, 2008-2020	No quadratic change	Not available
Risks of unhealthy weight control practices						96.9	93.1	94.1	92.0	94.5		87.7	Decreased, 2008-2020	No quadratic change	Not available
Accepting body size differences						93.5	88.5	88.1	89.2	93.5		90.2	No linear change	No quadratic change	Not available
Signs, symptoms, and treatment for eating disorders						93.1	90.4	88.6	86.3	86.9		81.7	Decreased, 2008-2020	No quadratic change	Not available
Relationship between diet and chronic diseases									85.2	90.0		84.7	No linear change	Not available	Not available
Assessing body mass index (BMI)									82.9	85.1		79.8	No linear change	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools that taught all 22 nutrition and dietary behavior topics during the current school year						0.0	0.0	0.0	0.0	0.0		56.1	Increased, 2008-2020	†	Not available
Percentage of schools in which teachers taught the following physical activity topics in a required course for students in any of grades 6 through 12 during the current school year:															
Short-term and long-term benefits of physical activity, including reducing the risks for chronic disease									95.3	96.1		94.2	No linear change	Not available	Not available
Mental and social benefits of physical activity									96.3	94.4		93.4	No linear change	Not available	Not available
Health-related fitness (i.e., cardiorespiratory endurance, muscular endurance, muscular strength, flexibility, and body composition)						97.2	95.7	98.4	96.0	96.5		92.9	Decreased, 2008-2020	No quadratic change	Not available
Phases of a workout (i.e., warm-up, workout, cool down)						93.4	93.5	93.7	93.3	94.2		91.0	No linear change	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which teachers taught the following physical activity topics in a required course for students in any of grades 6 through 12 during the current school year:																
Recommended amounts and types of moderate, vigorous, muscle-strengthening, and bone-strengthening physical activity									90.8	92.5		88.1	No linear change	Not available	Not available	
Decreasing sedentary activities (e.g., television viewing)						94.5	93.8	93.7	95.2	95.8		92.1	No linear change	No quadratic change	Not available	
Preventing injury during physical activity						93.9	92.8	92.1	92.2	92.2		91.6	No linear change	No quadratic change	Not available	
Weather-related safety (e.g., avoiding heat stroke, hypothermia, and sunburn while physically active)						92.0	84.0	85.9	82.8	86.9		80.6	Decreased, 2008-2020	No quadratic change	Not available	
Dangers of using performance-enhancing drugs (e.g., steroids)						93.8	92.1	89.7	85.3	89.7		82.3	Decreased, 2008-2020	No quadratic change	Not available	
Increasing daily physical activity											96.6	97.0	94.6	No linear change	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which teachers taught the following physical activity topics in a required course for students in any of grades 6 through 12 during the current school year:															
Incorporating physical activity into daily life (without relying on a structured exercise plan or special equipment)									96.3	95.7		94.2	No linear change	Not available	Not available
Using safety equipment for specific physical activities									89.8	91.6		88.0	No linear change	Not available	Not available
Benefits of drinking water before, during, and after physical activity									95.3	96.1		92.9	No linear change	Not available	Not available
Percentage of schools that taught all 13 physical activity topics during the current school year						0.0	0.0	0.0	73.5	78.1		69.4	Increased, 2008-2020	†	Not available
SHE_PM_1807_2: Percentage of schools that assess the ability of students to do 7 skills in a required course taught during grades 6, 7, or 8 and during grades 9, 10, 11, or 12									34.8	38.1		35.5	No linear change	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

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**2020 School Health Profiles Report  
Trend Analysis Report - Lead Health Education Teacher Survey**

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
SHS_PM_1807_4: Percentage of schools that taught all 3 of the SHS topics in grades 9, 10, 11, or 12						2.5	1.3	2.3	24.3	25.7		28.7	Increased, 2008-2020	Increased, 2008-2014 No change, 2014-2020	Not available
SSE_PM_1807_1: Percentage of schools in which school staff received professional development on classroom management techniques						41.4	50.8	46.4	51.5	51.9		62.6	Increased, 2008-2020	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.



## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
<b>Collaboration</b>															
Percentage of schools in which health education staff worked with the following groups on health education activities during the current school year:															
Physical education staff						85.2	84.8	83.9	90.0	86.2		80.3	No linear change	No change, 2008-2014 Decreased, 2014-2020	Not available
Health services staff (e.g., nurses)						76.8	79.4	78.0	77.0	69.8		62.9	Decreased, 2008-2020	No quadratic change	Not available
Mental health or social services staff (e.g., psychologists, counselors, social workers)						51.1	59.1	63.0	59.6	54.4		66.7	Increased, 2008-2020	No quadratic change	Not available
Nutrition or food service staff						36.8	38.3	40.6	40.8	31.5		33.0	No linear change	No quadratic change	Not available
School health council, committee, or team							40.9	42.9	34.1	41.2		47.2	No linear change	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools that provided parents and families with health information designed to increase parent and family knowledge of the following topics during the current school year:															
HIV, STD, or pregnancy prevention						23.0	19.7	16.8	21.6	19.8		24.5	No linear change	No quadratic change	Not available
Tobacco-use prevention						31.6	25.8	22.2	23.3	25.1		35.4	No linear change	Decreased, 2008-2012 Increased, 2012-2020	Not available
Alcohol- or other drug-use prevention										27.3		30.6	No linear change	Not available	Not available
Physical activity						36.2	31.5	30.2	34.2	36.0		38.2	No linear change	No quadratic change	Not available
Nutrition and healthy eating						32.4	31.6	31.5	35.3	37.4		40.0	Increased, 2008-2020	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

**INDIANA**

**2020 School Health Profiles Report  
Trend Analysis Report - Lead Health Education Teacher Survey**

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools that provided parents and families with health information designed to increase parent and family knowledge of the following topics during the current school year:															
Asthma						11.5	11.8	11.7	14.7	19.5		22.0	Increased, 2008-2020	No quadratic change	Not available
Food allergies									19.0	26.4		28.9	Increased, 2014-2020	Not available	Not available
Diabetes									17.3	20.7		23.9	No linear change	Not available	Not available
Preventing student bullying and sexual harassment, including electronic aggression (i.e., cyber-bullying)									61.5	66.8		58.9	No linear change	Not available	Not available
Percentage of schools in which teachers have given students health education homework assignments or activities to do at home with their parents during the current school year									57.8	57.2		46.9	Decreased, 2014-2020	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

**INDIANA**  
**2020 School Health Profiles Report**  
**Trend Analysis Report - Lead Health Education Teacher Survey**

	Prevalence											Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018				2020
<b>Professional Development</b>															
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:															
Alcohol- or other drug-use prevention						30.3	21.4	24.3	22.4	24.8		30.9	No linear change	No change, 2008-2014 Increased, 2014-2020	Not available
Asthma						11.8	10.2	9.5	11.5	16.8		14.0	No linear change	No quadratic change	Not available
Chronic disease prevention										19.0		22.1	No linear change	Not available	Not available
Emotional and mental health						23.8	20.4	19.6	22.9	31.6		62.0	Increased, 2008-2020	No change, 2008-2012 Increased, 2012-2020	Not available
Epilepsy or seizure disorder									16.1	16.6		28.1	Increased, 2014-2020	Not available	Not available
Food allergies									14.7	18.6		23.3	Increased, 2014-2020	Not available	Not available
Foodborne illness prevention						15.8	11.6	9.9	7.4	12.1		17.2	No linear change	Decreased, 2008-2014 Increased, 2014-2020	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:															
HIV prevention						47.0	28.4	28.7	25.7	21.9		18.6	Decreased, 2008-2020	Decreased, 2008-2012 Decreased, 2012-2020	Not available
Human sexuality						33.7	17.8	23.8	20.2	16.3		19.7	Decreased, 2008-2020	Decreased, 2008-2014 No change, 2014-2020	Not available
Infectious disease prevention (e.g., flu prevention)								26.7	26.7	26.8		41.0	Increased, 2012-2020	Not available	Not available
Injury prevention and safety						28.8	29.3	27.7	25.3	33.7		39.0	Increased, 2008-2020	No change, 2008-2014 Increased, 2014-2020	Not available
Nutrition and dietary behavior						23.3	21.0	23.9	19.9	23.4		28.6	No linear change	No quadratic change	Not available
Physical activity and fitness						39.9	38.2	39.2	32.2	39.4		41.2	No linear change	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:															
Pregnancy prevention						22.9	16.5	17.6	18.6	11.0		14.4	Decreased, 2008-2020	No quadratic change	Not available
STD prevention						37.2	20.3	27.3	25.5	15.3		15.8	Decreased, 2008-2020	No quadratic change	Not available
Suicide prevention						14.5	12.8	20.7	22.3	33.7		64.3	Increased, 2008-2020	Increased, 2008-2014 Increased, 2014-2020	Not available
Tobacco-use prevention						27.4	19.5	17.1	18.3	16.7		35.0	Increased, 2008-2020	Decreased, 2008-2012 Increased, 2012-2020	Not available
Violence prevention (e.g., bullying, fighting, dating violence prevention)						41.7	37.7	49.0	55.6	53.7		58.7	Increased, 2008-2020	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:																
Teaching students with physical, medical, or cognitive disabilities						32.7	34.1	39.2	36.2	44.9		50.5	Increased, 2008-2020	No quadratic change	Not available	
Teaching students of various cultural backgrounds						22.6	28.3	28.8	29.8	37.9		47.4	Increased, 2008-2020	No quadratic change	Not available	
Teaching students with limited English proficiency						19.6	21.9	19.5	24.7	36.1		42.1	Increased, 2008-2020	No quadratic change	Not available	
Using interactive teaching methods (e.g., role plays, cooperative group activities)						38.9	42.5	39.1	44.8	46.3		46.9	Increased, 2008-2020	No quadratic change	Not available	
Encouraging family or community involvement						21.3	28.3	22.9	24.1	30.0		38.6	Increased, 2008-2020	No quadratic change	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:																
Teaching skills for behavior change						31.7	35.4	31.8	34.1	39.2		50.2	Increased, 2008-2020	No change, 2008-2014 Increased, 2014-2020	Not available	
Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)						41.4	50.8	46.4	51.5	51.9		62.6	Increased, 2008-2020	No quadratic change	Not available	
Assessing or evaluating students in health education						21.9	21.4	19.6	28.2	32.4		35.8	Increased, 2008-2020	No quadratic change	Not available	
Percentage of schools in which the lead health education teacher received professional development on the following topics related to teaching sexual health education:																
Aligning lessons and materials with the district scope and sequence for sexual health education											17.3		24.5	Increased, 2016-2020	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.



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	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which the lead health education teacher received professional development on the following topics related to teaching sexual health education:															
Creating a comfortable and safe learning environment for students receiving sexual health education										15.7		20.2	No linear change	Not available	Not available
Connecting students to on-site or community-based sexual health services										12.6		17.4	No linear change	Not available	Not available
Using a variety of effective instructional strategies to deliver sexual health education										14.2		18.5	No linear change	Not available	Not available
Building student skills in HIV, other STD, and pregnancy prevention										13.8		17.0	No linear change	Not available	Not available
Assessing student knowledge and skills in sexual health education										13.6		18.2	No linear change	Not available	Not available
Understanding current district or school board policies or curriculum guidance regarding sexual health education										16.2		25.4	Increased, 2016-2020	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:															
Alcohol- or other drug-use prevention						72.1	71.4	74.7	74.1	61.0		53.8	Decreased, 2008-2020	No change, 2008-2014 Decreased, 2014-2020	Not available
Asthma						49.1	41.7	39.6	44.3	33.7		25.6	Decreased, 2008-2020	No quadratic change	Not available
Chronic disease prevention (e.g., diabetes, obesity prevention)										54.4		41.9	Decreased, 2016-2020	Not available	Not available
Emotional and mental health						56.4	61.7	66.3	65.7	61.6		62.6	No linear change	No quadratic change	Not available
Epilepsy or seizure disorder									42.4	38.5		27.8	Decreased, 2014-2020	Not available	Not available
Food allergies									44.4	33.6		28.7	Decreased, 2014-2020	Not available	Not available
Foodborne illness prevention						43.7	35.3	39.1	37.5	29.3		26.3	Decreased, 2008-2020	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:															
HIV prevention						63.6	58.0	56.3	57.1	45.8		39.2	Decreased, 2008-2020	No quadratic change	Not available
Human sexuality						58.1	59.1	56.0	58.7	55.9		49.5	Decreased, 2008-2020	No quadratic change	Not available
Infectious disease prevention (e.g., flu prevention)								49.0	48.6	43.2		42.6	No linear change	Not available	Not available
Injury prevention and safety						51.6	48.8	48.5	46.5	44.5		39.5	Decreased, 2008-2020	No quadratic change	Not available
Nutrition and dietary behavior						68.4	63.9	63.1	64.2	60.7		52.8	Decreased, 2008-2020	No quadratic change	Not available
Physical activity and fitness						59.8	65.0	62.1	61.2	56.3		48.0	Decreased, 2008-2020	No change, 2008-2012 Decreased, 2012-2020	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:															
Pregnancy prevention						58.0	59.1	58.1	57.8	45.7		39.5	Decreased, 2008-2020	No change, 2008-2014 Decreased, 2014-2020	Not available
STD prevention						63.8	62.8	60.9	59.8	49.4		44.1	Decreased, 2008-2020	No quadratic change	Not available
Suicide prevention						67.7	70.0	70.5	68.7	64.4		56.8	Decreased, 2008-2020	No change, 2008-2012 Decreased, 2012-2020	Not available
Tobacco-use prevention						64.7	60.3	61.6	61.8	49.0		53.0	Decreased, 2008-2020	No quadratic change	Not available
Violence prevention (e.g., bullying, fighting, dating violence prevention)						68.5	75.7	76.0	75.5	61.6		55.5	Decreased, 2008-2020	Increased, 2008-2012 Decreased, 2012-2020	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020			
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:															
Teaching students with physical, medical, or cognitive disabilities						50.5	52.9	56.8	59.9	50.5		47.8	No linear change	Increased, 2008-2014 Decreased, 2014-2020	Not available
Teaching students of various cultural backgrounds						45.6	37.7	44.9	50.1	42.2		44.1	No linear change	No quadratic change	Not available
Teaching students with limited English proficiency						39.4	35.0	39.5	45.2	38.9		37.5	No linear change	No quadratic change	Not available
Using interactive teaching methods (e.g., role plays, cooperative group activities)						52.3	58.4	62.3	62.7	54.5		46.0	Decreased, 2008-2020	Increased, 2008-2014 Decreased, 2014-2020	Not available
Encouraging family or community involvement						56.8	58.1	67.2	64.8	59.2		53.1	No linear change	Increased, 2008-2012 Decreased, 2012-2020	Not available
Teaching skills for behavior change						68.8	62.9	67.7	65.5	62.6		55.5	Decreased, 2008-2020	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:																
Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)						56.2	58.5	57.7	58.9	48.8		47.8	Decreased, 2008-2020	No quadratic change	Not available	
Assessing or evaluating students in health education						60.5	59.5	72.4	64.5	57.8		46.6	Decreased, 2008-2020	Increased, 2008-2012 Decreased, 2012-2020	Not available	
Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics related to teaching sexual health education:																
Aligning lessons and materials with the district scope and sequence for sexual health education												51.5	36.7	Decreased, 2016-2020	Not available	Not available
Creating a comfortable and safe learning environment for students receiving sexual health education												56.2	42.2	Decreased, 2016-2020	Not available	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

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	Prevalence												Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020				
Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics related to teaching sexual health education:																
Connecting students to on-site or community-based sexual health services										52.5		41.6	Decreased, 2016-2020	Not available	Not available	
Using a variety of effective instructional strategies to deliver sexual health education										63.2		47.4	Decreased, 2016-2020	Not available	Not available	
Building student skills in HIV, other STD, and pregnancy prevention										56.2		46.4	Decreased, 2016-2020	Not available	Not available	
Assessing student knowledge and skills in sexual health education										54.0		42.0	Decreased, 2016-2020	Not available	Not available	
Understanding current district or school board policies or curriculum guidance regarding sexual health education										56.9		41.2	Decreased, 2016-2020	Not available	Not available	

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.

## INDIANA

### 2020 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018				2020
<b>Professional Preparation</b>															
Percentage of schools in which the major emphasis of the lead health education teacher's professional preparation was on the following:															
Health education or health and physical education combined (a or b)						80.3	81.0	80.0	74.8	70.8		66.1	Decreased, 2008-2020	No quadratic change	Not available
Physical education, kinesiology, exercise science or exercise physiology (c or e)						13.7	12.0	13.6	16.7	16.5		18.9	Increased, 2008-2020	No quadratic change	Not available
Home economics or family and consumer science, biology or other science, or nutrition (f, g, or k)						1.2	3.3	3.6	2.6	2.0		1.7	No linear change	No quadratic change	Not available
Nursing or counseling (h or i)						0.4	0.5	0.0	1.9	3.7		3.6	Increased, 2008-2020	†	Not available
Public health or other (j or l)						0.0	1.3	0.4	0.4	3.3		3.5	Increased, 2008-2020	†	Not available
Percentage of schools in which the lead health education teacher was certified, licensed, or endorsed by the state to teach health education in middle school or high school						95.4	95.2	95.4	93.3	89.7		88.6	Decreased, 2008-2020	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model,  $p < 0.05$ .

<sup>2</sup>Based on t-test analysis,  $p < 0.05$ .

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.



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	Prevalence											Linear Change <sup>1</sup>	Quadratic Change <sup>1</sup>	2018-2020 Change <sup>2</sup>	
	1998	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018				2020
Percentage of schools in which the lead health education teacher had the following number of years of experience in teaching health education courses or topics:															
1 year						3.6	3.0	3.3	8.1	8.8		8.8	Increased, 2008-2020	No quadratic change	Not available
2 to 5 years						14.8	17.2	17.4	17.7	17.6		19.4	No linear change	No quadratic change	Not available
6 to 9 years						12.2	9.3	13.2	16.7	14.1		14.0	No linear change	No quadratic change	Not available
10 to 14 years						15.4	13.8	13.3	15.4	11.6		14.6	No linear change	No quadratic change	Not available
15 years or more						53.9	56.7	52.8	42.2	47.9		43.2	Decreased, 2008-2020	No quadratic change	Not available

<sup>1</sup>Based on trend analyses using a logistic regression model, p < 0.05.

<sup>2</sup>Based on t-test analysis, p < 0.05.